

PTO/SB/82 (06-03)

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**REVOCATION OF POWER OF
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Application Number	10/673,483
Filing Date	September 30, 2003
First Named Inventor	Nimal G. SENARATH et al.
Art Unit	2681
Examiner Name	
Attorney Docket Number	PAT 2189-2

I hereby revoke all previous powers of attorney given in the above-identified application:

☐ A Power of Attorney is submitted herewith.

OR

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26123

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I am the:

☒ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name Angela C. de Wilton, Director, Intellectual Property

Signature *Ac de Wilton*

Date

1 March 2004

Telephone

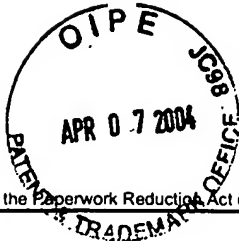
(613) 768-3020

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of 1 forms are submitted.

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: NORTEL NETWORKS LIMITED

Application No./Patent No.: 10/673,483 Filed/Issue Date: September 30, 2003

Entitled: BEAM WOBBLING FOR INCREASED DOWNLINK COVERAGE AND CAPACITY

NORTEL NETWORKS LIMITED

, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or

2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

March 2004

Date

(613) 768-3020

Telephone number

Angela C. de Wilton

Typed or printed name

Angela C. de Wilton

Signature

Director, Intellectual Property

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FILE NO. 0583P48US01
United States

PATENT APPLICATION
ASSIGNMENT

FOR VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I (we) the undersigned, whose full post office address(es) is(are) listed below my (our) name(s), do hereby sell, assign and transfer to:

NORTEL NETWORKS LIMITED

(hereinafter "Nortel"), its successors, assigns and legal representatives, whose full post office address is:

2351 Boulevard Alfred-Nobel
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Canada, H4S 2A9

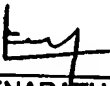
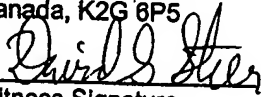
all their right, title, and interest worldwide in and to the invention relating to

BEAM WOBBLING FOR INCREASED DOWNLINK COVERAGE AND CAPACITY

as described in an application for letters patent filed concurrently, as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisions, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said invention.

~~I (We) undertake without charges to Nortel but at its request and expense to execute all documents, take all oaths and do all reasonable acts to enable Nortel, its successors assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to Nortel, its successors assigns and legal representatives.~~

THE UNDERSIGNED hereby authorizes the firm of **Shapiro Cohen** whose full office address is **P.O. Box 3440, Station D, Ottawa, Ontario, K1P 6P1, Canada** to correct clerical errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.

X 
Nimal SENARATH
46, Maple Stand Way
Nepean, Ontario
Canada, K2G 8P5
X 
Witness Signature

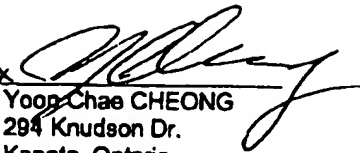
X 24-09-2003
(Insert Date)

X PAULO STEER
Witness Name (Print)


))

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Page 2


Yoon Chae CHEONG
294 Knudson Dr.
Kanata, Ontario
Canada, K2K 2P1

x Sept. 23, 2003
(Insert Date)


Witness Signature

x Anathaimovich 9/23/03
Witness Name (Print)

x
Shalni PERIYALWAR
88 Summerwalk Place
Nepean, Ontario
Canada, K2G 5Y4

x
(Insert Date)

x
Witness Signature

x
Witness Name (Print)

x
Robert MATYAS
6 Woodfern Court
Ottawa, Ontario
Canada, K2H 8Y9

x
(Insert Date)

x
Witness Signature

y
Witness Name (Print)

x _____
Yoon Chae CHEONG
294 Knudson Dr.
Kanata, Ontario
Canada, K2K 2P1

x _____
(Insert Date)

x _____
Witness Signature

x _____
Witness Name (Print)

x Shalini
Shalini PERIYALWAR
88 Summerwalk Place
Nepean, Ontario
Canada, K2G 5Y4

x Sep 24 2003
(Insert Date)

x David S. Steer
Witness Signature David S. Steer

x DAVID STEER
Witness Name (Print)

x Robert Matyas
Robert MATYAS
6 Woodfern Court
Ottawa, Ontario
Canada, K2H 8Y9

x 24 Apr / 03
(Insert Date)

x Lynne Brown
Witness Signature

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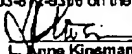
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03/05/2004 11:53 FAX 613 787 3558	BLG CANADA	0001/007	
 <p>BORDEN LADNER GERVAIS</p>			<p>Borden Ladner Gervais LLP Lawyers - Patent & Trade-mark Agents World Exchange Plaza 100 Queen Street, Suite 1100 Ottawa ON K1P 1J8 tel: (613) 237-5160 fax: (613) 787-3558 toll free: (800) 661-4237 info@blgcanada.com www.blgcanada.com</p>
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RE: United States Patent Appln No. 10/673,483 Title: BEAM WOBBLING FOR INCREASED DOWNLINK COVERAGE AND CAPACITY Inventor(s): SENARATH, Nimal Gamini; CHEONG, Yoon Chae; PERIYALWAR, Shalini; MATYAS, Robert Owner: Nortel Networks Limited Our File: PAT 2189-2 US			
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BORDEN
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Borden Ladner Gervais LLP
 Lawyers - Patent & Trade-mark Agents
 World Exchange Plaza
 100 Queen Street, Suite 1100
 Ottawa ON K1P 1J9
 tel.: (613) 237-5160 fax: (613) 787-3558
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 OUR FAX NUMBER: (613) 787-3558

RE: United States Patent Appln No. 10/673,483
 Title: BEAM WOBBLING FOR INCREASED DOWNLINK COVERAGE
 AND CAPACITY
 Inventor(s): SENARATH, Nimal Gamini; CHEONG, Yoon Chae;



BORDEN
LADNER
GERVAIS

Borden Ladner Gervais LLP
Lawyers - Patent & Trade-mark Agents
World Exchange Plaza
100 Queen Street, Suite 1100
Ottawa ON K1P 1J9
tel.: (613) 237-5160 fax: (613) 787-3558
toll free: (800) 661-4237
ipinfo@blgcanada.com
www.blgcanada.com

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DIRECT DIAL:	(613) 237-5160
OUR FAX NUMBER:	(613) 787-3558

RE: United States Patent Appln No. 10/673,483
Title: BEAM WOBBLING FOR INCREASED DOWNLINK COVERAGE
AND CAPACITY
Inventor(s): SENARATH, Nimal Gamini; CHEONG, Yoon Chae;
PERIYALWAR, Shalini; MATYAS, Robert
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